



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



CONFIRMATION NO. 2647

Bib Data Sheet

SERIAL NUMBER 10/708,648	FILING DATE 03/17/2004 RULE	CLASS 438	GROUP ART UNIT 2812	ATTORNEY DOCKET NO. FIS920040013US1
-----------------------------	-----------------------------------	--------------	------------------------	---

## APPLICANTS

William G. America, Kingston, NY;

Larry Clevenger, LaGrangeville, NY;

Andy Cowley, Wappingers Falls, NY; Timothy J. Dalton, Ridgefield, CT;

Mark Hoinkis, Fishkill, NY;

Kaushik A. Kumar, Beacon, NY;

Douglas C. La Tulipe Jr., Danbury, CT;

\*\* CONTINUING DATA \*\*\*\*\* *NONE*\*\* FOREIGN APPLICATIONS \*\*\*\*\* *NONE*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 05/20/2004

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR	SHEETS	TOTAL	INDEPENDENT
Verified and Acknowledged	<i>M. Ahnold</i> <i>MA</i> Examiner's Signature Initials	COUNTRY NY	DRAWING 8	CLAIMS 18	CLAIMS 3

## ADDRESS

32074  
 INTERNATIONAL BUSINESS MACHINES CORPORATION  
 DEPT. 18G  
 BLDG. 300-482  
 2070 ROUTE 52  
 HOPEWELL JUNCTION , NY  
 12533

## TITLE

OXIDIZED TANTALUM NITRIDE AS AN IMPROVED HARDMASK IN DUAL-DAMASCENE PROCESSING

 All Fees 1.16 Fees ( Filing )